REMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8

First & Final Bill

JOB NO: 009-18-000017

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357930

Est: 40.0 lakhs

al No. .....
ne of Work Drilling of borewells providing temp water and commissioning at Thindlu, Vishwakshapura, Doddabommasandra, Vidhyaranyapura and HMT Layout surrounding in ward no: 19.
ne of Contractor or nature of Agency ... Executive Engineer KRIDL
e of commencement of work BBMP/EE/BTP/KRIDL/WO/71/2017-18, DE: 21/02/2018

te	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
1	Geophisical Investigation of site for sinking Borewell of detailed specification recorded in this MB, vide page no: 357901.						
	1) 2nd Cross Basavanna Thirthi Layout Thindlu.	1x1	—	—	—	1.0	Nos RR. NO: C753966
	2) Veeranna Layout Near Basavaraj House.	1x1	—	—	—	1.0	-"- RR NO: C753968
	3) 2nd cross Lake shore Garden	1x1	—	—	—	1.0	-"- RR.NO: C753969
	4) Sir. M.V, Layout near 11th cross	1x1	—	—	—	1.0	-"- RR NO: C753967

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
5)	Near Krishna ~~Escape~~ Green Appartment Doddabommasandra Lyt. (Vyasa International School main Rd).	1×1	–	–	–	1.0	Nos RR.No: C753970
					Total:	5.0	Nos
(2)	Sinking Borewell of 165mm ϕ clear using super fast hydraulic rig of detailed specification recorded in This MB, Vide page no: 35790 1/2						
	For Depth – 50 to 100m	5×1	–	–	50.0	250.00	Rmt
	– 100 to 150m	5×1	–	–	50.0	250.00	–"–
	– 150 to 200	5×1	–	–	50.0	250.00	–"–
	– 200 to 250	5×1	–	–	50.00	250.00	–"–
	– 250 to 300	5×1	–	–	50.00	250.00	–"–
						1250	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ag
Date of commencement of work ...

Date	Full description, etc, of w
1	2
(3)	Supply of ISI Ma Recorded in This
4)	Providing 2

REMENT BOOK

r	Dimensions: Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	–	–	–	1.0	Nos RR.No: C753970
			Total:	5.0	Nos
ϕ clear using super fast hydraulic ring					
oaded in This MB, Vide page no: 357901/2					
	–	–	50.0	250.00	Rmt
	–	–	50.0	250.00	-11-
	–	–	50.0	250.00	-11-
	–	–	50.00	250.00	-11-
	–	–	50.00	250.00	-11-
				1250	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357931

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(3)	Supply of ISI Mark 175mm nominal bore medium of detailed specification Recorded in This MB, Vide page no: 357902						
		1x1	–	–	70.0	70.00	Rmt
		1x1	–	–	70.0	70.00	-11-
		1x1	–	–	70.0	70.00	-11-
		1x1	–	–	70.0	70.00	-11-
		1x1	–	–	70.0	70.00	-11-
					Total:	350.0	Rmt
4)	Providing 250 mm ϕ PVC Pipe of detailed specification Recorded in this						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	MB,	5×1	18.0	–	–	90.00	Rmt–
(5)	providing and fixing 175mm Bore well cap with clamp set of detailed specification Recorded in this MB, Vide page no: 357903	5×1	–	–	–	5.00	Nos.
6)	Supply and delivery at site board New texmo/ innovative/ Lubi of detailed specification Recorded in this MB, Vide page no: 357903 to 903/2 for 12.5 Hp 20 stage	1×1	–	–	–	1.0	Nos
		1×1	–	–	–	1.0	–"–
		1×1	–	–	–	1.0	–"–
		1×1	–	–	–	1.0	–"–
		1×1	–	–	–	1.0	–"–
		1×1	–	–	–	1.0	–"–
	Measurements continued to 357955 page no:					Total : 5.00	Nos

Assistant Executive Engineer
Vidyaranyapura Sub Division
For BBMP, Bangalore

AE 22/5/2018

First & Final
BA No: 138/13-08
Serial No. .....
Name of Work .... Near V
Name of Contractor of nature
Date of commencement of w

Date	Full description, et
1	2
(1)	Earth work an average 0.5m ex Earth to be specificatio This page no: This

IENT BOOK

Dimensions			Contents	Reference to last Measurement
ngth 4	Breadth 5	Depth 6	7	8

continuation of Measurements from pageno: 357931/2

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357955

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(7)	providing and fixing in trenches of detailed specification Recorded in This MB, Vide page no: 357904.	5 x 1	260.0	–	–	1300.00	Rmt
(8)	Supplying and drawing 3 core flat PVC sheated Submersible pump cable of detailed Specification Recorded in This MB, Vide page no! Double cable	5 x 2	270.0	–	–	2700.00	mts.
(9)	Labour Charges for Erection as new / Repaired of detailed Specification						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Recorded in this MB, Vide page no: 357905						
	Each Layth : 6	(4 x 270.0)/6 =				225.00	per Layth
(10)	Supplying and fixing 20"x20"x2.5" polished wood board of detailed specification Recorded in this MB,					No: 357905 to 905/2	
		5x1	–	–	–	5.0	Nos
(11)	Supplying of LTUG cable having aluminium conductor of detailed specification recorded in this MB,					Vide page no: 357905	
		5x1	30.0	–	–	150.0	Mts

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	
1	2	
(12)	Labour charges for Layth recorded in this MB,	
(13)	Digging or Trenching recorded in this MB,	
	For cutting Road surface	5
(14)	Supplying and fixing	

EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
30.0	–	–	150.00 Rmt	
30.0	–	–	210.00 -11-	
0.0	–	–	120.00 -11-	
		Total:	3480.00 Rmt	

e trenches with selected available
n Recorded in this MB, Vide page
no: (24) Recorded in this MB.
959/2 as 1566.00 m3

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357961

Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(27) Providing and fixing in position brass gate Valve with CI wheel of detailed specification Recorded in this MB, Vide page no: 357913 of Item no: (27).						
	1) Basavasamithi Lyt 2nd cvs,	2x1	–	–	–	2.0	Nos
	2) Veerayya Layout Near Basavarajappa	2x1	–	–	–	2.0	No's
	3) 2nd cross Lake shore Garden Lyt	2x1	–	–	–	2.0	No's
	4) Sir. M.V. Layout	2x1	–	–	–	2.0	No's

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	5) Krishna Green Appartment Near	2X1	–	–	–	2.0	No's
					Total:	10.00	No's

Certificate

1) certified that the above work done satisfactorj.

2) The contractor has removed the debris from the work spot.

3) No materials issued from departmentally.

22/5/2018

AE

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
Sl No	Particulars	Un
1)	Geophysical Investigation	
2)	Sinking Bore well	Rn
	50 to 100 m	
	100 to 150 m	
	150 to 200m	
	200 to 250m	
	250 to 300m	

ASUREMENT BOOK

Dimensions				Contents	Refer to Measu
Number 3	Length 4	Breadth 5	Depth 6	7	
2×1	–	–	–	2.0	No's
			Total :	10.00	No's

That the above work done satisfactorj.

ractor has removed the debris from the works

vsale issued from departmentally.

Engineer
b Division
ore - 97

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357962

No. ..... From ..... To .....

of Work .....

8 of Contractor of nature of Agency .....

f commencement of work .....

Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
	ABSTRACT					
Particulars	Unit	Foom	To	Qty	Rate	Amount in Rs.
Geophysical Investigation	Nos			5	1882.0	9410.00
sinking Bore well	Rmt			250.0	315.18	78795.00
50 to 100 m				250.0	412.00	103000.00
100 to 150 m				250.00	458.35	114588.00
150 to 200m				250.00	484.10	121025.00
200 to 250m				250.00	560.32	140080.00
250 to 300m				250.00	600.49	150123.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
3)	Supply of ISI Mark 175 mm ϕ	Rmt	–	–	350.0	1325.00	463750.00
4)	250 mm ϕ PVC Pipe	Rmt			90.0	1100.00	99000.00
5)	175 mm Borewell cap.	Nos			5.0	100.00	500.00
6)	Texmo pump	No			5.0	604.00.00	302000.00
7)	Galvanised Tubes 50mm ϕ	Rmt			1300.0	457.92	595296.00
8)	3 core PVC submercible cable	mt			2700.0	126.70	342090.00
9)	GI pipe cable	Per/L			225.0	88.00	19800.00
10)	20" x 20" x 2.5" polished wood board.	No			5.0	302.00	1510.00
11)	LT UG Cable	Mts			150.0	140.40	21060.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
12)	1.1 KV class UG Cable
13)	Digging/Trenching 0.6 x 0.5m
14)	1.1 KV UG Cable
15)	L.T. Cast Iron pot head
16)	I.C. Cutouts
17)	~~G.I. wire~~
18)	Porcelain fuse chann

SUREMENT BOOK

Dimensions				Contents	Reference to last Measurement
Number 3	Length 4	Breadth 5	Depth 6	7	8
mt	–	–	350.0	1325.00	463750.00
mt			90.0	1100.00	99000.00
os			5.0	100.00	500.00
o			5.0	604.00.00	302000.00
nt			1300.0	457.92	595296.00
–			2700.0	126.70	342090.00
/L			2250	88.00	19800.00
			5.0	302.00	1510.00
s			150.0	140.40	21060.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357963

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
12)	1.1 kV class UG cable	mts	~~F~~		150.0	10.80	1620.00
13)	Digging/Trenching 0.6x0.5m	mts			125.00	85.00	10625.00
14)	1.1 kV UG cable	mts			20.00	345.00	6900.00
15)	L.T. cast iron pot head	No			5.0	280.00	1400.00
16)	1.C. Cutouts	No			5.0	2727.00	13635.00
17)	~~G.I. wire~~						
18)	porcelain fuse channel	No			30.0	180.00	5400.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
18)	50mm nominal bore Gun metal	No	–	–	5.0	1585.76	7929.00
19)	NP/CP waste Unions.	No.	–	–	5.0	227.90	1140.00
20)	50mm ϕ GI x nipple	No	–	–	20.0	104.30	2086.00
21)	MCB	No	–	–	5.0	1547.00	7735.00
22)	MS Box of 16 SWG	m^2	–	–	117000	0.33	38610.00
23)	Automatic Store Delta Starer	Each	–	–	5	6583.00	32915.00
24)	Earth work Excavation	m^3	–	–	1566.0	188.0	294408.0
25)	Installation at site PVC pipes	Rmt	–	–	3480.0	157.0	546360.00
26)	Refilling of Earth	m^3	–	–	1566.0	61.00	95526.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	
	2	
27)	Brass Gate Valve.	Verified

AE 22/5/20

ASUREMENT BOOK

Dimensions				Contents	Reference to last Measurement
Number 3	Length 4	Breadth 5	Depth 6	7	8
No	–	–	5.0	1585.76	7929.00
No	–	–	5.0	227.90	1140.00
No	–	–	20.0	104.30	2086.00
No	–	–	5.0	1547.00	7735.00
m^2	–	–	117000	0.33	38610.00
Each	–	–	5	6583.00	32915.00
m^3	–	–	1566.0	188.0	294408.0
Mt	–	–	3480.0	157.0	546360.00
m^3	–	–	1566.0	61.00	95526.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357964

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number 3	Length 4	Breadth 5	Depth 6	7	8
1	2						
27)	Brass Gate Valve.	Each	–	–	10.0	2729.50	27295=00
						Total : ₹	3655611.00
							2982448.88
							500 40.00
						Total :	3998119.88
							3998104-00
							3998120=00
							39,98,104-00

Verified
24/5/18

4% service charge to KRIDL
BESCOM charges

22/5/2018.

AE

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					Total Rs:	39,98,104-00	
					IT -	79962-00	
					CEM..	39981-00	
					CBF..	3998-00	
					FSD -	199905-00	
					Fire	2325-00	
					Addn.	326171-00	
					Nett	3671933-00	

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 39.98.104-00

ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ : ಇದರಲ್ಲಿ ರೂ. 326171-00

ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 3671933-00

ರೂ: Thirty Six Lakh Seventy one thousand nine hundred Thirty three only.

ಚೆಕ್ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ

ಲೆಕ್ಕಾಧಿಕಾರಿಯವರ ಸಹಿ

24/5

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Accepted all measurements with full & Nett Settlement

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work
1	2